

AMENDMENTS TO THE ABSTRACT

Please replace the Abstract of the Invention with the following amended Abstract:

--- Method A method and apparatus system for statistically multiplexing corresponding channels using an orthogonal code hopping in a wire/wireless communication system, including a first communication station and multiple second communication stations, in which ~~a plurality of~~ multiple synchronized communication channels coexist through one media. The system ~~including a first communication station and a plurality of second communications~~ includes an orthogonal code hopping pattern generator, a spreader for selecting a corresponding orthogonal code symbol in the orthogonal code, a collision comparator ~~[[&]]~~ and controller for monitoring whether the orthogonal code symbols collide and for determining whether the send data symbols to the second communication stations coincide in the collision area, a unit for stopping transmission in case of collision of the hopping patterns and discordance of the transmission data symbols, and a transmission power controller for compensating an average receiving energy loss.

FIG. 10a ---